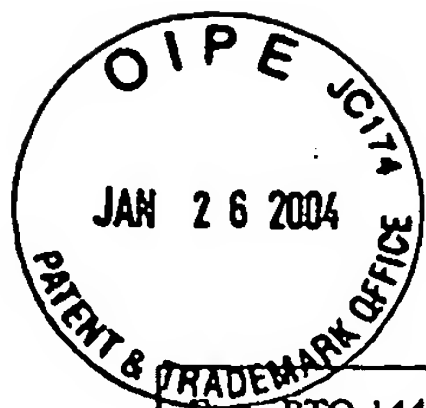


Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 112160		APPLICATION NO. 10 090,781	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Shinichi TAKESHIMA et al.			
				FILING DATE March 6, 2002		GROUP 1744 3748700	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
BS	1	U.S. 5,492,678	Feb. 20, 1996	Ota et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
BS	2	EP 1 077 078 A2	Feb. 21, 2001	Europe	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER BINH Q. TRAN				DATE CONSIDERED 02/04/05			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: July 17, 2003

Sheet 1 of 1

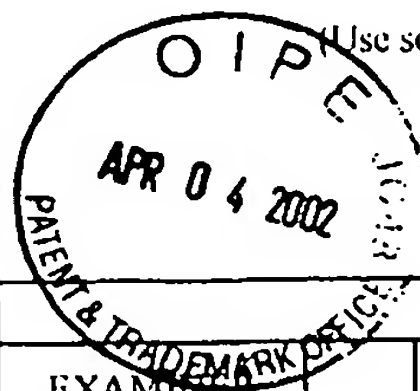
Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 112160		APPLICATION NO. 10/090,781	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Shinichi TAKESHIMA et al.			
				FILING DATE March 6, 2002		GROUP 1744 3748	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
BS	1	5,155,994	10/20/1992	MURAKI et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
BS	2	JP A 04-243525 w/ Abstract	8/31/1992	Japan	—	—	
BS	3	JP A 08-105317 w/ Abst & Trans	4/23/1996	Japan	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
BINH Q. TRAN				02/04/05			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through-citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: January 26, 2004

Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
112160APPLICATION NO.
10/090,781

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
Shinichi TAKESHIMA et al.FILING DATE
March 6, 2002

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
BT	1	4,902,487	02/20/1990	Cooper et al.	—	—
↓	2	6,185,930 B1	02/13/2001	Lepperhoff et al.	—	—
↓	3	5,100,632	03/31/1992	Dettling et al.	—	—

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
BT	4	JP A 6-159037 (w/abstract)	06/07/1994	Japan	—	—
↓	5	JP A 10-174845 (w/abstract)	06/30/1998	Japan	↓	↓
↓	6	JP A 10-216558 (w/abstract)	08/18/1998	Japan	↓	↓
↓	7	JP A 10-169431 (w/abstract)	06/23/1998	Japan	↓	↓
↓	8	JP A 1-318715	12/25/1989	Japan	↓	↓
↓	9	JP A 11-324652	11/26/1999	Japan	↓	↓
↓	10	JP B2 7-106290	11/15/1995	Japan	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RECEIVED
MAY 01 2002
TC 1700

EXAMINER

BINH Q. TRAN

DATE CONSIDERED

02/04/05

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: April 4, 2002

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 112160		APPLICATION NO. 10/090,781	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Shinichi TAKESHIMA et al.			
				FILING DATE March 6, 2002			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
BT		JP A 11-24652	01/29/1999	Japan	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER	BINH Q. TRAN				DATE CONSIDERED 02/04/05		
Examiner:	Initial if citation considered. whether or not citation is in conformance with M.P.E.P. 609: draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

RECEIVED
APR 26 2002
1C 1700Date: March 26, 2002